

AMENDMENTS TO THE CLAIMS

1.(currently amended): An apparatus for producing a stereoscopic image comprising:

display means for displaying two sub-images spaced from one another at a first distance along an X-axis and a second distance along a Z-axis so as to render the stereoscopic image; and

a single user control for adjusting ~~operative to adjust~~ the first and second distances of the stereoscopic image displayed by the display means, wherein at least the first distance of the stereoscopic image displayed on the display means is adjusted to correspond to a distance between eyes of a user.

2.(previously presented): The apparatus according to claim 1, further comprising a plurality of image-deflecting lenticules overlying said display means, the display means being configured with an array of display elements arranged in a plurality of columns and rows so that the axes of the lenticules extend transversely to the columns and rows of the display elements.

3.(previously presented): The apparatus according to claim 1, wherein said single user control is further configured to adjust the stereoscopic image based on a user distance from the display means.

4. (Canceled)

5.(previously presented): The apparatus according to claim 1, wherein said single control is a knob.

6.(previously presented): The apparatus according to claim 1, wherein said single control is an icon.

7.(previously presented): The apparatus according to claim 1, said apparatus further comprising a remote device communicating with said single user control.

8. (Canceled)

9.(previously presented): The apparatus according to claim 1, wherein the first distance is a perceived depth of the stereoscopic image.

10.(previously presented): The apparatus according to claim 1, wherein the second distance defines a perceived position of the stereoscopic image relative to the display means.

11.(previously presented): The apparatus according to claim 9, wherein said apparatus is arranged so that when said single user control is at a minimum the perceived depth of the image is at a minimum and as said single user control moves from a minimum to a maximum the perceived depth of the image increases.

12.(previously presented): The apparatus according to claim 1, wherein said display means is configured as a liquid crystal display.

13.(currently amended): A method for producing a stereoscopic image comprising:

displaying a first and second sub-image on a display so that the ~~sub-images~~ sub-images are spaced at a first distance along an X-axis and a second distance along a Z-axis to render the stereoscopic image; and

controlling the first and second distances of the stereoscopic image in response to a user input via a single control so that the first distance of the stereoscopic image is adjusted to correspond to a distance between eyes of a user.

14.(previously presented): The method according to claim 13, further comprising deflecting the stereoscopic image by a plurality of lenticules overlaying the plurality of display elements and extending along respective parallel axes transversely to horizontal rows and vertical columns of a plurality of display elements of the display, wherein said image is autostereoscopic.

15. (Canceled)

16.(previously presented): The method according to claim 13, wherein the first distance provides for a perceived depth of the image.

17.(previously presented): The method according to claim 13, wherein the first distance provides for a perceived position of the image relative to its display.

18.(currently amended): A computer program product for causing a computer to execute the, ~~for carrying out method of~~ claim 13.

19. (Canceled)

20.(previously presented): The method of claim 13, wherein said second distance of said stereoscopic image is further adjusted based on a user distance from the display means.

21. (Canceled)

22.(currently amended): An apparatus for producing a stereoscopic image comprising:
a plurality of columns and rows of display elements configured to display a stereoscopic image;

a plurality of lenticules configured to deflect the stereoscopic image and overlaying the display elements, the plurality of lenticules having respective parallel axes extending transversely to the plurality of columns and rows of the display elements; and

a user controller for adjusting ~~operative to adjust~~ two stereoscopic parameters of the stereoscopic image displayed by the display elements.